**BRUHAT BANGALORE MAHANAGARA PALIKE**

**YELAHANKA ZONE**

**Estimate Cost Rs. 10.00Lakhs**

**Name of Work:-Improvements to roads and drains in SFS 407 in ward no:03 of Yelahaka Satellite Town Sub Division**

| Sl No | Description of item | Unit | No | L | B | D | Qty | Rate | Amount |
|---|---|---|---|---|---|---|---|---|---|
| 1 | KSRRB 300-1,Earth work excavation by manual means in ordinary soil involving an average horizontal throw up to 2 meters and an average lift uo to 1.5m,excavated surface levelled and sides neatly dresssed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications (Item no19.1,Page no141, PWD SR 2015-16) | Cum | | | | | | | |
| | Desilting of drains | | 1 | 180.00 | 0.45 | 0.35 | 28.35 | | |
| | Berm cutting | | 2 | 178.00 | 0.75 | 0.20 | 53.40 | | |
| | | | 2 | 50.00 | 0.90 | 0.20 | 18.00 | | |
| | | | 2 | 25.00 | 1.20 | 0.20 | 12.00 | | |
| | | | 2 | 30.00 | 1.20 | 0.20 | 14.35 | | |
| | | | | | | | **126.10** | **83.16** | **10486.00** |
| | Basic Rate | 77.00 | | | | | | | |
| | Area Weightage @ 8% | 6.16 | | | | | | | |
| | Total | 83.16 | | | | | | | |
| 2 | Removing B.S slab of drain and stacking (P.No 25 I.No 5.32)g | sqm | | | | | | | |
| | SFS 407 near HB Gas company | | 1 | 180.00 | 1.35 | | 243.00 | | |
| | In front of House portion Covering slabs | | 1 | 3.00 | 1.00 | | 3.00 | | |
| | | | 1 | 6.00 | 1.00 | | 6.00 | | |
| | | | 1 | 4.50 | 1.00 | | 4.50 | | |
| | | | | | | | **256.50** | | |
| | | Deduct 30%of Missing slabs qty | | | | | 76.95 | | |
| | | | | | | | **179.55** | **63.72** | **11441.00** |
| | Basic Rate | 59.00 | | | | | | | |
| | Area Weightage @ 8% | 4.72 | | | | | | | |
| | Total | 63.72 | | | | | | | |
| 3 | Refixing stone slabs of drains and pointing in CM(1:3)(P.No 25 I.No 5.33) | Sqm | | | | | | | |
| | | | Vide Item No. 2 | | | | **179.55** | **78.84** | **14156.00** |
| | Basic Rate | 73.00 | | | | | | | |
| | Area Weightage @ 8% | 5.84 | | | | | | | |
| | Total | 78.84 | | | | | | | |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 4 | Providing granite slabs of selected quality roughly dressed and fixed in cement mortar (1:6) including fixing curing etc., complete do 7.5 cms thick(P.No 25 I.No 5.31.1) | sqm | | | | | | | | |
| | | 30%of Missing slabs qty | | | | | | 76.95 | 663.12 | 51027.00 |
| | Basic Rate | 614.00 | | | | | | | | |
| | Area Weightage @ 8% | 49.12 | | | | | | | | |
| | Total | 663.12 | | | | | | | | |
| 5 | KSRRB M100-1 Loading and un loading of stone boulder/Stone aggregates/ sand/kanker/ Moorum.KSRRB M100-1:Placing tipper at loading point,loading with front end loader,dumping,turning for return trip,excluding time for haulage and return trip complete as per specifications(Item no17.1,Page no130,PWD SR 2015-16 | Cum | | | | | | | | |
| | | Vide Item No. 1 | | | | | | 126.10 | 73.44 | 9261.00 |
| | Basic Rate | 68.00 | | | | | | | | |
| | Area Weightage @ 8% | 5.44 | | | | | | | | |
| | | 73.44 | | | | | | | | |
| 6 | KSRRBM400-17,Providing, laying, spreading andcompacting graded stones aggregate to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed materials by tipper to site,laying in uniform layers with paver in sub base/base course on well prepared surface and compacting with vibratory roller to achieve the desired dencity complete as per specifications.MORTH Specification No.406(Item no20.18,Page no157 ,PWD SR 205-16) | Cum | | | | | | | | |
| | 407 SFS Area 3rd main/1st cross | | 1 | 100.00 | 5.25 | 0.15 | 78.75 | | | |
| | | | 1 | 80.00 | 5.30 | 0.20 | 84.80 | | | |
| | B M Shree road | | 1 | 50.00 | 8.00 | 0.20 | 80.00 | | | |
| | | | 1 | 25.00 | 8.90 | 0.15 | 33.38 | | | |
| | cross road | | 1 | 30.00 | 9.30 | 0.15 | 41.85 | | | |
| | | | | | | | 318.78 | | | |
| | | Consider 25% of the qty | | | | | 79.69 | | | |
| | | | | | | | 79.69 | 1713.96 | 136592.00 | |
| | Basic Rate | 1587.00 | | | | | | | | |
| | Area Weightage @ 8% | 126.96 | | | | | | | | |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | Total | 1713.96 | | | | | | | | |
| 7 | KSRRB M500-6,Providing and applying primer coat with S.S.bitumen emulsion on prepared surface of granular base such as WBM,WMM including cleaning of road surfase and spraying primer at the rate of .60kg/Sqm using mechanical means complete as per specifications. MORTH Specifications No502 (ITEMNO21.6,Page no157,PWD SR 2015-16) | Sqm | | | | | | | | |
| | 407 SFS Area 3rd main/1st cross | | 1 | 180.00 | 5.25 | | 945.00 | | | |
| | B M Shree road | | 1 | 50.00 | 8.00 | | 400.00 | | | |
| | | | 1 | 25.00 | 8.90 | | 222.50 | | | |
| | cross road | | 1 | 30.00 | 9.35 | | 280.50 | | | |
| | | | | | | | **1848.00** | | | |
| | | Consider 115% of the qty | | | | | **2125.00** | **32.40** | **68850.00** | |
| | Basic Rate | 30.00 | | | | | | | | |
| | Area Weightage @ 8% | 2.40 | | | | | | | | |
| | Total | 32.40 | | | | | | | | |
| 8 | KSRRB M500-18.Providing and laying semi dense bituminous concrete using crushed aggregates of specified grading,premixed with bituminous binder and filler,transporting the hot mix to work site.laying with a paver finisher to the required grade,levell and alignment,rollingwithsmoothwheeled,vibratoryandtandemrollers to achievethedesiredcompactionasperMORTHSpecificationclauseno508completeinallrespectscompleteasperspecifications.using100120THcapacityH.M.P with sensor paver grading (35-40mm)with4.5%CRMB55grade(Itemno21.21.1,Pageno16D 2015-16) | Cum | | | | | | | | |
| | 407 SFS Area 3rd main/1st cross | | 1 | 180.00 | 5.30 | 0.040 | 38.16 | | | |
| | B M Shree road | | 1 | 50.00 | 8.00 | 0.040 | 16.00 | | | |
| | | | 1 | 25.00 | 9.00 | 0.040 | 9.00 | | | |
| | cross road | | 1 | 30.00 | 9.35 | 0.040 | 11.22 | | | |
| | | | | | | | **74.38** | **9264.24** | **689074.00** | |
| | Basic Rate | 8578.00 | | | | | | | | |
| | Area Weightage @ 8% | 686.24 | | | | | | | | |
| | Total | 9264.24 | | | | | | | | |
| | | | | | | | | | **9113.00** | |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 9 | Miscellaneous charges | L/S | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | Total RS | 1000000.00 |
| (Rupees Ten lakh only) | | | | | | | | | |

**Certificate**

1 The work spot has been inspected and the work is found necessary.
2 This estimate is prepared as per C.S.R. of 2015-16
3 The provisions were made in this estimate are necessary and adequate.
4 This works come under B.B.M.P. limits.

B.N. Pradeep
Assistant Engineer
Ward no: 03

Assistant Executive Engineer
Yelahanka New town Sub Division
Bangalore-64

Executive Engineer
Yelahanka Division
Bangalore-64

Administrative Sanction for Rs. 10.00 Lakhs
Ten Lakhs Only
is accorded under head P. 1771
2015-16
Registered as CE No. ..... Subject
to conditions contained in enclosed memo
No. EE/YNK/AA/61/15-16 Dt. 2-1-16

Executive Engineer

TECHNICALLY SANCTIONED FOR Rs. 10.00 Lakhs
Rupees Ten Lakhs Only
Under P. 1771 - 2015-16
Registered as CE ( ) No. .....
Subject to conditions contained in
enclosed memo EE ( ) .....
Dt. EE/YNK/TS/79/15-16
Dated 2-1-16 10.00 Lakhs

Executive Engineer